IN THE CLAIMS:

1. (Currently Amended) A low-profile motor, comprising:

a motor base having a cylindrical motor mounting part;

a bearing located within said cylindrical motor mounting part;

a rotator unit, comprising a rotor yoke attached to a shaft, said shaft rotationally supported by said bearing;

a plurality of rotor magnets attached to said rotor yoke ~~having a rotor magnet on an inner surface or an outer surface and being rotationally supported on a motor base via a shaft,~~; and

a stator core ~~constituted of~~ attached to a projected portion of the motor base, said projected portion comprising a plurality of winding parts ~~each having an end opposed to the rotor magnet~~, wherein

the plurality of winding parts ~~constituting the stator core are cut to be like~~ comprise tongues ~~along~~ extending in a radial direction towards or away from said cylindrical motor mounting part,

the plurality of winding parts are integral with said motor base, and

the plurality of winding parts are bent such that radially extending ends not connected to said motor base are opposite the rotor magnets ~~of a hole and integrated, the hole having been formed on the motor base to support the rotor yoke via the shaft, and each of the winding parts is bent such that the end of the winding part is opposed to the rotor magnet~~.

2. (Currently Amended) The low-profile motor according to claim 1, wherein the motor base ~~includes~~ and the plurality of winding parts ~~is~~ are entirely formed of a single silicon steel plate.

3. (Currently Amended) A method of manufacturing a low-profile motor comprising:

~~a rotor yoke having a rotor magnet on an inner surface or an outer surface and being rotationally supported on a motor base via a shaft, and a stator core constituted of a plurality of winding parts each having an end opposed to the rotor magnet, wherein the method comprises:~~ forming a cylindrical motor mounting part ~~,~~ on ~~the~~ a motor base,

mounting a bearing in said cylindrical motor mounting part;

mounting a ~~a hole for supporting the rotor yoke via the~~ shaft~~;~~ in said bearing, said shaft being supported in a radial direction by said bearing;

attaching a rotor yoke to said shaft;

attaching a plurality of rotor magnets to said rotor yoke;

cutting ~~the~~ a plurality of tongues from said motor mount in a radial direction from or towards said cylindrical motor mounting part, thereby forming winding parts constituting the stator core~~, to be like tongues along a radial direction of the hole, and integrating the winding parts on the motor base~~; and

bending each of the winding parts such that the end of ~~the~~ each winding part is ~~opposed to the~~ opposite a rotor magnet.

4. (Currently Amended) The method of forming a low-profile motor according to claim 3, wherein the ~~step~~ steps of forming the cylindrical motor mounting part and ~~of~~ cutting the plurality of winding parts ~~on the motor base and the step of bending the winding parts~~ are performed by press processing.